

Title (en)
HIGH SHEAR MIXING

Publication
EP 0293234 B1 19921119 (EN)

Application
EP 88304844 A 19880527

Priority
GB 8712545 A 19870528

Abstract (en)
[origin: EP0293234A2] A process and apparatus for mixing viscous materials in which the material is passed through a housing (1) having a plurality of interengaging and overlapping circular mixing elements (11) on two driven parallel rotor shafts (4), the majority of material passing through openings (13) in the elements (11) having dimensions related to the viscosity of the material such that the flow in the openings (13) is fully developed therein and is not affected by the conditions existing outside of the openings.

IPC 1-7
B29B 7/48

IPC 8 full level
B01F 7/08 (2006.01); **B29B 7/48** (2006.01)

CPC (source: EP)
B29B 7/483 (2013.01); **B29C 48/40** (2019.01); **B29C 48/405** (2019.01); **B29C 48/47** (2019.01); **B29C 48/63** (2019.01)

Cited by
EP0995567A1; US8696790B2

Designated contracting state (EPC)
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EP 0293234 A2 19881130; EP 0293234 A3 19900314; EP 0293234 B1 19921119; BR 8802590 A 19881220; CA 1302398 C 19920602; DE 3876011 D1 19921224; DE 3876011 T2 19930506; ES 2037223 T3 19930616; GB 8712545 D0 19870701; IN 167429 B 19901027; JP H06104188 B2 19941221; JP S644225 A 19890109

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EP 88304844 A 19880527; BR 8802590 A 19880527; CA 567957 A 19880527; DE 3876011 T 19880527; ES 88304844 T 19880527; GB 8712545 A 19870528; IN 152BO1988 A 19880527; JP 12940588 A 19880526